

# Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959:2018

This Certificate has been issued by a person accredited by Fire Protection Association Australia under the Bushfire Planning and Design (BPAD) Accreditation Scheme. The certificate details the conclusions of the full Bushfire Attack Level Assessment Report (full report) prepared by the Accredited Practitioner.

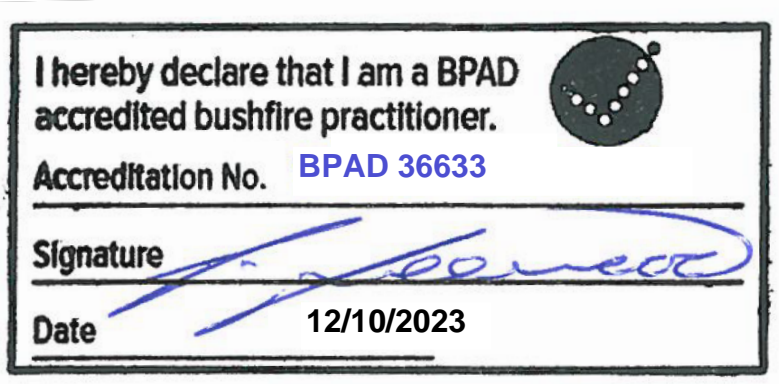
## Property Details and Description of Works

|                                      |         |                        |        |                              |          |  |
|--------------------------------------|---------|------------------------|--------|------------------------------|----------|--|
| Address Details                      | Unit no | Street no              | Lot no | Street name / Plan Reference |          |  |
|                                      | Suburb  |                        |        | State                        | Postcode |  |
| Local government area                |         |                        |        |                              |          |  |
| Main BCA class of the building       |         | Use(s) of the building |        |                              |          |  |
| Description of the building or works |         |                        |        |                              |          |  |

## Determination of Highest Bushfire Attack Level

| AS 3959 Assessment Procedure | Vegetation Classification | Effective Slope | Separation Distance | BAL |
|------------------------------|---------------------------|-----------------|---------------------|-----|
|                              |                           |                 |                     |     |

## BPAD Accredited Practitioner Details

|   |   |
|---|---|
| Name  |  <p>I hereby declare that I am a BPAD accredited bushfire practitioner.<br/>Accreditation No. <b>BPAD 36633</b><br/>Signature <i>[Signature]</i><br/>Date <b>12/10/2023</b></p> <p><i>Authorised Practitioner Stamp</i></p> |
| Company Details   |   |
| I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959:2018. |   |

Reliance on the assessment and determination of the Bushfire Attack Level contained in this certificate should not extend beyond a period of 12 months from the date of issue of the certificate. If this certificate was issued more than 12 months ago, it is recommended that the validity of the determination be confirmed with the Accredited Practitioner and where required an updated certificate issued.

# Bushfire Attack Level Assessment Report

Prepared by a BPAD Accredited Practitioner



Fire Protection Association Australia Life Property Environment



## AS 3959 BAL Assessment Report

This report has been prepared by an Accredited BPAD Practitioner using the Simplified Procedure (Method 1) as detailed in Section 2 of AS 3959:2018. FPA Australia makes no warranties as to the accuracy of the information provided in the report. All enquiries related to the information and conclusions presented in this report must be made to the BPAD Accredited Practitioner.

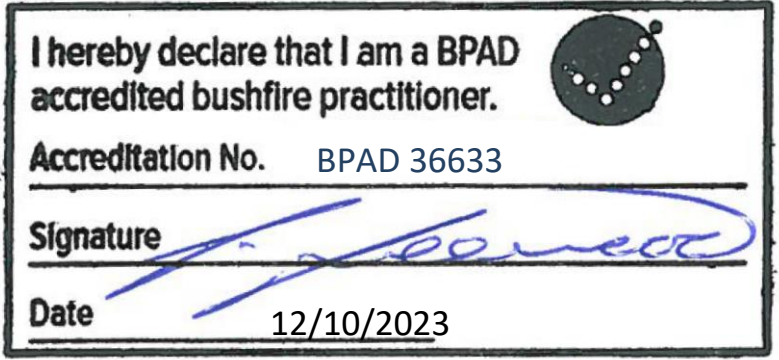

### Property Details and Description of Works

|                                      |                          |                        |                 |                              |          |  |
|--------------------------------------|--------------------------|------------------------|-----------------|------------------------------|----------|--|
| Address Details                      | Unit no                  | Street no              | Lot no          | Street name / Plan Reference |          |  |
|                                      |                          | 150                    | 1022            | St Andrews Drive             |          |  |
| Local government area                | Suburb                   |                        |                 | State                        | Postcode |  |
|                                      | Yanchep                  |                        |                 | WA                           | 6035     |  |
|                                      | City of Wanneroo         |                        |                 |                              |          |  |
| Main BCA class of the building       | Class 9b                 | Use(s) of the building | Day Care Centre |                              |          |  |
| Description of the building or works | Proposed Day Care Centre |                        |                 |                              |          |  |

### Report Details

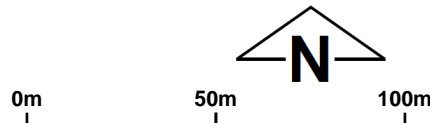
|                     |                |                 |                 |
|---------------------|----------------|-----------------|-----------------|
| Report / Job Number | Report Version | Assessment Date | Report Date     |
| J022950             | 1              | 11 October 2023 | 12 October 2023 |

### BPAD Accredited Practitioner Details

|  |  |
|--|--|
| <b>Name</b><br>John Greenwood  | <br><i>Authorised Practitioner Stamp</i> |
| <b>Company Details</b><br> <b>WABAL</b><br>BushfireAssessmentLogic |  |

Reliance on the assessment and determination of the Bushfire Attack Level contained in this report should not extend beyond a period of 12 months from the date of issue of the report. If this report was issued more than 12 months ago, it is recommended that the validity of the determination be confirmed with the Accredited Practitioner and where required an updated report issued.





Scale 1:2000 at A3  
Date of Aerial Photo: 22.04.2023

LEGEND

- Assessment area
- 150m radius
- Subject land
- Proposed cadastre
- Vegetation/plot boundary
- Class A
- Class B
- Class C
- Class D
- Class E
- Class F
- Class G
- Area to be modified to low threat state
- Excluded as per 2.2.3.2
- Photo point
- Proposed building
- Area Cleared Since Aerial Photo

ADDRESS:  
150 St Andrews Drive  
Yanchep WA 6035

| INSPECTION: | REPORT:          | REV: |
|-------------|------------------|------|
| 11/10/2023  | 12/10/2023       | 1    |
| 1           | Issued to Client |      |

John Greenwood  
BPAD Level 2

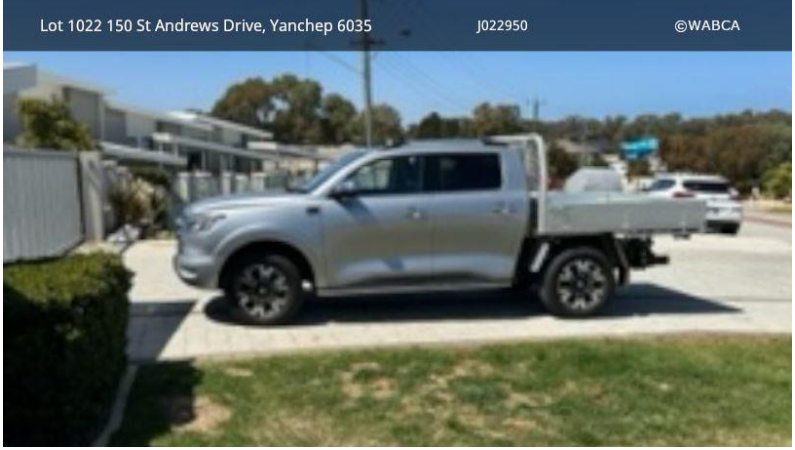

I hereby declare that I am a BPAD accredited bushfire practitioner.  
Accreditation No. BPAD 36633  
Signature  
Date 12/10/2023





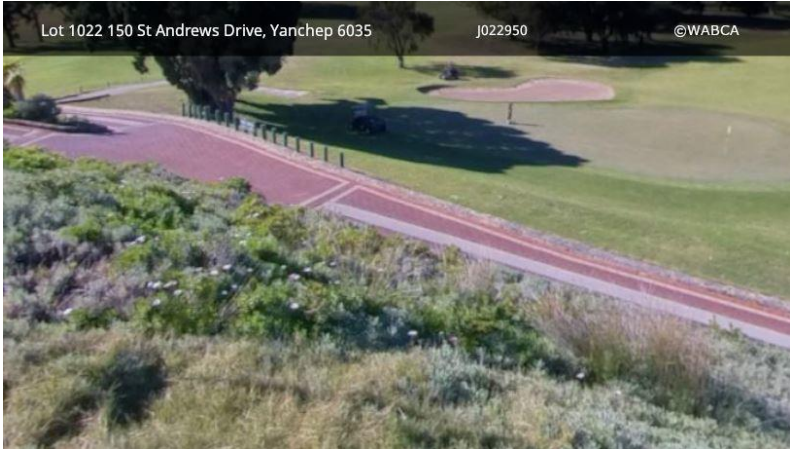



## Vegetation Classification



All vegetation within 100m of the site / proposed development was classified in accordance with Clause 2.2.3 of AS 3959-2018. Each distinguishable vegetation plot with the potential to determine the Bushfire Attack Level is identified below.

|  |   |              |   |
|--|---|--------------|---|
| <b>Photo ID:</b>   | 1 | <b>Plot:</b> | 1 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Excludable – Clause 2.2.3.2(f)   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| Plot 1 refers to the surrounding urban vegetation, which has been excluded as being managed and low threat.  |   |              |   |
|    |   |              |   |
| <b>Photo ID:</b>   | 2 | <b>Plot:</b> | 1 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Excludable – Clause 2.2.3.2(f)   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| An alternative view of Plot 1. Showing the surrounding urban vegetation, which has been excluded as being managed and low threat. Nearby Golf Course and Country Club. |   |              |   |
|    |   |              |   |

|  |   |              |   |
|--|---|--------------|---|
| <b>Photo ID:</b>   | 3 | <b>Plot:</b> | 1 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Excludable – Clause 2.2.3.2(f)   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| An alternative view of Plot 1. Showing the surrounding urban vegetation, which has been excluded as being managed and low threat. Nearby Golf Course and Country Club. |   |              |   |
|    |   |              |   |
| <b>Photo ID:</b>   | 4 | <b>Plot:</b> | 1 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Excludable – Clause 2.2.3.2(f)   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| An alternative view of Plot 1. Showing the surrounding urban vegetation, which has been excluded as being managed and low threat. Nearby Golf Course and Country Club. |   |              |   |
|   |   |              |   |

|  |   |              |   |
|--|---|--------------|---|
| <b>Photo ID:</b>   | 5 | <b>Plot:</b> | 2 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Class C - Low Shrubland -C12   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| <p>Plot 3 is an area of Class C vegetation located 93 metres from the proposed building. Shrubs &lt;2 m high; greater than 30% foliage cover.</p> <p>Understoreys may contain grasses. Acacia and Casuarina often dominant in the arid and semi-arid zones.</p>                              |   |              |   |
|    |   |              |   |
| <b>Photo ID:</b>   | 6 | <b>Plot:</b> | 2 |
| <b>Vegetation Classification or Exclusion Clause</b>   |   |              |   |
| Class C - Low Shrubland -C12   |   |              |   |
| <b>Description / Justification for Classification</b>  |   |              |   |
| <p>An alternative view of Plot 3, showing an area of Class C vegetation located 93 metres from the proposed building. Shrubs &lt;2 m high; greater than 30% foliage cover.</p> <p>Understoreys may contain grasses. Acacia and Casuarina often dominant in the arid and semi-arid zones.</p> |   |              |   |
|   |   |              |   |



|   |   |              |   |
|---|---|--------------|---|
| <b>Photo ID:</b>  | 7 | <b>Plot:</b> | 3 |
| <b>Vegetation Classification or Exclusion Clause</b>  |   |              |   |
| Class G - Grassland - G06-28  |   |              |   |
| <b>Description / Justification for Classification</b>   |   |              |   |
| Plot 4 is an area of Class G vegetation located 76 metres from the proposed building.   |   |              |   |
|  <p>Lot 1022 150 St Andrews Drive, Yanchep 6035 J022950 ©WABCA</p>  |   |              |   |
| <b>Photo ID:</b>  | 8 | <b>Plot:</b> | 3 |
| <b>Vegetation Classification or Exclusion Clause</b>  |   |              |   |
| Class G - Grassland - G06-28  |   |              |   |
| <b>Description / Justification for Classification</b>   |   |              |   |
| An alternative view of Plot 4, showing an area of Class G vegetation located 76 metres from the proposed building. Unmanaged grasses.                 |   |              |   |
|  <p>Lot 1022 150 St Andrews Drive, Yanchep 6035 J022950 ©WABCA</p> |   |              |   |

**Relevant Fire Danger Index**

The fire danger index for this site has been determined in accordance with Table 2.1 or otherwise determined in accordance with a jurisdictional variation applicable to the site.

**Fire Danger Index**FDI 40 ☐

Table 2.4.5

FDI 50 ☐

Table 2.4.4

FDI 80 ☒

Table 2.4.3

FDI 100 ☐

Table 2.4.2

**Potential Bushfire Impacts**

The potential bushfire impact to the site / proposed development from each of the identified vegetation plots are identified below.

| Plot | Vegetation Classification      | Effective Slope | Separation (m) | BAL        |
|------|--------------------------------|-----------------|----------------|------------|
| 1    | Excludable – Clause 2.2.3.2(f) | N/A             | N/A            | BAL – LOW  |
| 2    | Class C - Low Shrubland -C12   | Flat/Upslope    | 93m            | BAL – 12.5 |
| 3    | Class G - Grassland - G06-28   | Flat/Upslope    | 76m            | BAL – LOW  |

**Table 1: BAL Analysis****Determined Bushfire Attack Level (BAL)**

The Determined Bushfire Attack Level (highest BAL) for the site / proposed development has been determined in accordance with clause 2.2.6 of AS 3959-2018 using the above analysis.

**Determined Bushfire Attack Level****BAL – LOW**



## Appendix 1: Plans and Drawings

Plans and drawings relied on to determine the bushfire attack level

**Drawing / Plan Description** Site Plan

**Job Number -**

**Revision -**

**Date of Revision -**



## Appendix 2: Additional Information / Advisory Notes

1 – Shielding is not applicable to this site.